

SMAD3 RABBIT MAB

Cat.#: N262911

Product Name: Anti-Smad3 Rabbit Monoclonal Antibody

Synonyms: SMAD3; MADH3; Mothers against decapentaplegic homolog 3; MAD homolog 3; Mad3; Mothers against DPP homolog 3; hMAD-3; JV15-2; SMAD family member 3; SMAD 3; Smad3; hSMAD3

UNIPROT ID: P84022

Background: Smad3 transcription factor phosphorylated and activated by TGF-beta-type receptors. A receptor-regulated Smad (R-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. In mouse required for establishment of the mucosal immune response and proper development of skeleton.

Immunogen: Recombinant protein of human Smad3

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R02-112

MW: Calculated MW: 48 kDa; Observed MW: 52 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat,Hamster

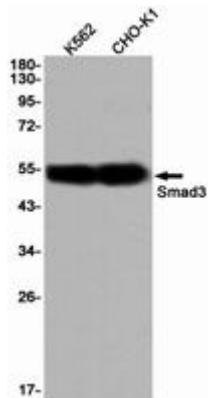
Conjugation: Unconjugated

Modification: Unmodified

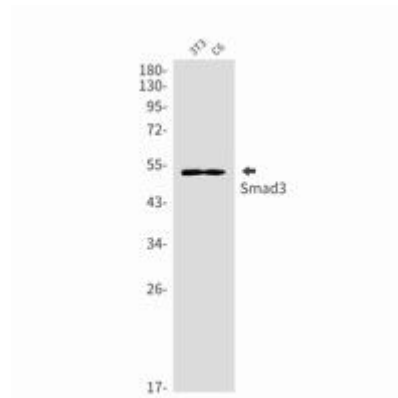
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

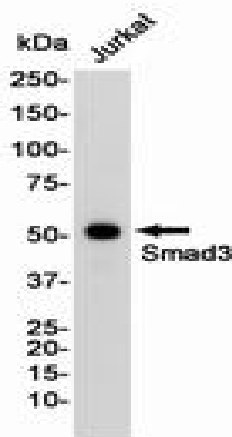
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Smad3 in K562, CHO-K1 lysates using Smad3 antibody



Western blot analysis of Smad3 in 3T3, C6 lysates using Smad3 antibody.



Western blot analysis of Smad3 in Jurkat lysates using Smad3 antibody.